

Form C-104
Rev. 02/2009

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Fed

☒ Conceptual Proposal ☐ Final Proposal Date 6/25/10
Contract ID 091218-XO1 Job No. JOI2200
County Perry I-55 Original Bid Cost \$13,705,018.32
Contractor Chester Bross Construction By Mace Colgrove
Designed By Eric Krapf Phone 573-221-5958
VECP# 10-59 (to be completed by C.O.) VECP ☒ or PDVECP ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
The existing requirements require a SP125BSMR PG 76-22. We are proposing to incorporate shingles into the asphalt. This will allow the mix to be reduced to a PG 64-22. This will be an advantage because it will be a cost savings to MODOT and will not affect the quality of the final product.

2. Estimate of reduction in construction costs. \$ 282,498.86

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.
There is no prediction of any effects the proposed changes will have on maintenance and operations.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.
7/5/10
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.
7/5/10 None
(date) (effect)

6. Dates of any previous or concurrent submission of the same proposal.
None
(date and/or dates)

Additional Comments:

THIS PROPOSAL IS BASED ON OUR ANTICIPATED MIX DESIGN ONLY. ALL MONETARY ADJUSTMENTS ARE TO BE MADE ACCORDING TO THE ACTUAL FINAL MIX DESIGN.

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: If approved, I see this as a PDVECP since we
would be accepting a lower grade of oil.

Don W. Randy

Submitted By Resident Engineer

6-28-10

Date

Comments:

This project was designed as a research project to compare full depth PCCP overlay and full depth bituminous pavement over rubblized concrete. This proposed change would deviate from the project goals.

☐ Approval
Recommended

Mark Shelton

6-28-10

☒ Rejection
Recommended

District Engineer by R. K. Kline

Date

Comments:

I concur with District Engineer comments.

☐ Approval
Recommended

Mike McGee

7/9/10

☒ Rejection
Recommended

Federal Highway Administration

Date

Required for FHWA Full Oversight Projects

Comments:

☐ Approval

David O'Connor

7.9.10

☒ Rejection

State Construction and Materials Engineer

Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

CHESTER BROSS CONSTRUCTION COMPANY



P.O. Box 430
Hannibal, MO 63401

Chester Bross, President
"Equal Opportunity Employer"

Ph: 573-221-5958
Fax: 573-221-1892

June 25, 2010

RECEIVED

JUN 28 2010

Jackson Project Office

Mr. Darius Dowdy, P.E., Resident Engineer

MODOT—Jackson Project Office
198 State Hwy Y
Jackson, MO 63755

RE: Contract ID 091218-XO1
Job No. JOI2200

Dear Mr. Dowdy:

This letter is in regards to our attached value engineering proposal concerning the incorporation of shingles and PG 64-22 into SP125SMR. This proposal is based on an anticipated mix design only. All final monetary adjustments are to be made on the actual final mix design. I have attached the value engineering proposal along with a spreadsheet illustrating the approximate cost savings. Please let me know if you need anything else.

If you have any questions feel free to call me at (573) 221-5958.

Sincerely,

Mace Colgrove
Project Manager

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- X Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

The contractor is proposing to incorporate shingles into the SP125BSMR mix and reduce the oil from PG 76-22 to PG 64-22. This proposal is rejected because this is a research project to compare pccp overlay and full depth bituminous pavement over rubblized concrete.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

